

Dr. Ramon B. Gustilo
Clinical and Basic Research

- 1.1. Effect of stem length and proximal support of BIAS femoral prosthesis on torsional stability. Bechtold JE, Bianco PT, Nelson T, Sherman R, Gustilo RB and Kyle RF.
- 2.2. Experimental strain analysis of press fit femoral prosthesis in stance and torsional loading and relative motion between prosthesis and bone in torsional load. Bechtold JE, Bianco PT, Sherman R, Gustilo RB and Kyle RF.
- 3.3. Experimental strain analysis of retrieved femurs with implanted femoral components. Bianco, PT, Comadoll J, Bechtold JE, Gustilo RB, Kyle RF, Weisman I and Turner J.
- 4.4. Cross-Sectional geometry of the acetabulum in revision total hip arthroplasty. Bechtold JE, Robinson H, Gustilo RB, Lewis J, Weisman I and Hollerman J
- 5.5. Strain in pegs of acetabular cups under load. Bechtold JE, Ley T, Hori R, Gustilo RB, and Kyle RF.
- 6.6. Experimental analysis of stability on uncemented tibial components of total knee prostheses. Shimagaki H, Bechtold JE and Gustilo RB.
- 7.7. Cross-Sectional geometry of tibiae. Bechtold JE, Sherman L, Hollerman J and Gustilo RB.
- 8.8. Patella strength as related to patellar prostheses design. Gomes L, Bechtold JE and Gustilo RB.
- 9.9. Differential loading of interlocking screws. Kyle RF, Bechtold JE and Gustilo RB.
- 10.10. Subtrochanteric fractures resulting from multiple pinning for femoral neck fractures. Bechtold JE, Gustilo RB and Kyle RF.
- 11.11. Effect of reaming on torsional strength of femurs. Sandvig S, Gustilo RB, Kyle RF and Bechtold JE.
- 12.12. Evaluation of Richards interlocking intramedullary nail in bending and torsion. Gustilo RB and Bechtold JE.
- 13.13. Comparison of AO and Ace external fixators in axial compression, bending and torsion. Templeman DC, Gustilo RB, Bechtold JE, Kyle RF and Merkow RL.
- 14.14. Torsional stability of the radius and ulna fixed with rush rods, DCP plates and functional bracing. Ono M, Merkow RL, Sherman RE, Bechtold JE and Gustilo RB.
- 15.15. Comparison of mechanical properties of fresh, fresh-frozen and freeze dried patellar ligaments. Butts MK, Bechtold JE, Merkow RL, Kyle RF, Eastlune T and Gustilo RB.
- 16.16. Adherence of bacteria to surfaces of different orthopaedic biomaterials. Tsukayama DT, Wicklund B, Bechtold JE and Gustilo RB.
- 17.17. Feasibility study for use of shape memory metals for intramedullary nails. Stice J, Bechtold JE, Gustilo RB and Merkow RL.

- 18.18. Fatigue testing of Ace pedicular spinal implant. Bechtold JE, and Gustilo RB.
- 19.19. Mechanical properties of biodegradable plastic polymer. Lonstein J, Bechtold JE, and Gustilo RB.
- 20.20. Effect of stem length and distal interlocking on torsional stability on uncemented components in THA with subtrochanteric shortening. Bianco PT, Giachetto JJ, Bechtold JE, Gustilo RB and Kyle RF.
- 21.21. Change in bony coverage of acetabular cups as a function of prosthesis placement. Bechtold JE, Gustilo RB, Robinson HR and Weisman T.

Dr. Antonio A. Rivera

Publications:

1. "Extra-articular & Intra-Articular Reconstruction for Chronic ACL Insufficiency of the Knee", Sports Medicine & Health – the Asian Perspective, December, 1992, pp 103-106
2. "Arthroscopy: Its Impact on the Diagnosis & Treatment of Knee Lesions in the Local Setting", Dy, Tomas, Rivera, Antonio, Phil. Journal of Surgical Specialties, vol. 45, No. 2, April – June, 1990
3. "Arthroscopy of the Knee – Analysis of a Three-Year Local Experience", Rivera, Antonio, Philippine Journal of Surgical Specialties, Vol. 44, No. 4, October – December, 1989
4. "Arthrography of the Knee – Accuracy of the Method in the Metro Manila Area", Rivera A, Dominguez R, Tomas J, Acta Medica Philippina, January, 1983
5. "Scoliosis in Metro Manila: Preliminary Results of a School Surgery", Rivera A, Apolinario N, Silao J, Philippine Journal of Surgical Specialties, Vol. 34, No. 2, April – May, 1979
6. "Medical Reconstruction for Chronic Anteromedial Instability of the Knee", Rivera A, Reyes T, Reyes B, Galang G, Philippine Journal of Surgical Specialties, Vol 34, No. 1, January – March 1979

Unpublished Papers Presented:

1. "Arthroscopic Lateral Release for Painful Lateral Patella Tracking – Indications and Results 7th Meeting of Knee Sports Medicine Section APOA, 3rd Meeting of Asia Pacific Society for Sports and Medicine, Raffles City Convention Centre Stamford Road, Singapore, October 16, 2002.
2. "Results of Exclusively Closed Kinetic Chain Rehabilitation Program after ACL Reconstruction", 7th Meeting of Knee Sports Medicine Section APOA, 3rd Meeting of Asia Pacific Society for Sports and Medicine, Raffles City Convention Centre Stamford Road, Singapore, October 15, 2002.
3. "3 to 5 years Results of Patellar Graft ACL Reconstruction and a Closed Kinetic Chain Rehabilitation Program", Orlando Florida, June 2002.
4. "The Iliotibial Tract and Low Back Pain in Ballet Dancers", Orlando Florida, June 2002.
5. "The COBRA External Fixation System in the treatment of Distal Radius Fractures", Asia Pacific Orthopaedic Association 13th Triennial Congress, Adelaide Australia, April 1-6, 2001
6. "The Caudal Slope of the Lateral Tibial Plateau as a Risk Factor in ACL Injuries", Asia Pacific Orthopaedic Association 13th Triennial Congress, Adelaide Australia, April 1-6, 2001.
7. "Dance Injuries: A New Frontier in Sports Medicine 92ND Central Japan Orthopaedic Surgery and Traumatology, Kyoto, Japan, May 1999
8. "Profile of Injuries in Classical Ballet", 49th Annual Convention, Philippine Orthopaedic Association, Westin Philippine Plaza, December 2-5, 1998.

9. "Bracing for Scoliosis: It is Effective? It Is Practical?", 58th Australian Orthopaedic Association Annual Scientific Meeting, Cairns Convention Centre, North Queensland, Australia, October 11-16, 1998.
10. "Changes on Radiographic Acromial Morphology With Age", 1997 Combined Congress Asia Pacific Orthopaedic Society for Sports Medicine (APOSSM) & the Knee & Orthopaedic Sports Medicine Section of the Western Pacific Orthopaedic Association (WPOA, KOSM), Grand Formosa Regent Hotel, Taipei, Taiwan, November 6-9, 1997.
11. "Correlation of MRI & Arthroscopic Finding in Knee Injuries", 3rd Annual Congress of the Philippine Orthopaedic Society for Sports Medicine, Westin Philippine Plaza Hotel, November 30, 1994.
12. "Open Surgical Treatment: My Preferred Method Combined Capsulolabral Reconstruction & Capsular Shift", The First Academic Congress of Asian Shoulder, Taipei, Taiwan, November 16-19, 1994.
13. "Comparative Results of the Bristow & Bankart Procedures for Recurrent Shoulder Dislocation", The 21st Annual Meeting of Japan Shoulder Society, October 14-15 p.136
14. "Basketball Injuries in the Philippines:, Combined Meeting of Singapore Orthopaedic Association & Sports Medicine Association of Singapore, Singapore, June 11-13, 1993
15. "Ankle & Foot Injuries in Sports", 42nd Annual Convention, Philippine Orthopaedic Association, Westin Philippine Plaza Hotel, Manila, December 4-6, 1991.
16. "The Knee in Classified Ballet: Perspective in Diagnosis & Management", 2nd Congress of the Knee & Orthopaedic Sports and Medicine Section of Western Pacific Association, Seoul, Korea, July 3-6, 1991
17. "Arthroscopy in the Diagnosis & Treatment of Meniscal Tear", 41st Annual Convention & 10th Post Graduate Course of the Phil. Orthopaedic Association, Hyatt Hotel, Manila, December 5-7, 1990.
18. "Combined Extra-Articular & Intra-Articular Reconstruction for Chronic ACL Insufficiency of the Knee", Combined Meeting of the Asean Orthopaedic Association, 10th Congress and The Thai Orthopaedic Association 12th Congress, Pattaya, Thailand, October 16, 1990.
19. "Arthroscopy of the Knee – Analysis of a 3-Year Local Experience", 26th Anniversary of Congress of the Western Pacific Association & Philippine Orthopaedic Association, Hyatt, Terraces, Baguio City, December 2, 1988.
20. "Classical Ballet – Orthopaedic Implications & Management", 4th Asean Orthopaedic Congress, Singapore, October 11, 1985.
21. "Orthopaedic Problems of Ballet Dancers", 2nd Annual Meeting, Hongkong Orthopaedic Association, Hongkong, December 3, 1983.

Dr. Liberato AC Leagogo

Publications:

1. "On the Conservative Management of Tuberculosis of the Spine in PGH." LAC Leagogo, Jr. MD. Acta Medica Filipiniana, Manila, 1984.
2. "A Profile of Giant Cell Tumors in PGH 1979-1980." GC Arcilla, MD, LAC Leagogo Jr., MD, NR Agcaoli, MD, RL Nitollama, MD, Acta Medica Filipiniana, Manila, 1984.
3. "Internal Fixation and Muscle-Pedicle-Bone Grafting for Femoral Neck Fractures in the Elderly." LAC Leagogo, Jr., MD, CJ Villaruel, Jr. MD, Acta Medica Filipiniana, Manila, 1984.
4. "Pelvic Fractures." LAC Leagogo, Jr. MD, Chapter 5. Manual of Orthopaedic Emergencies. Guaranty Press, Manila, 1989
5. "Management of Infected Total Hip Replacement," RB Gustilo, MD, LAC Leagogo Jr. MD, Chapter 22. Orthopedic Infections, Saunders, Philadelphia, 1989
6. "Primary Total Joint Replacement. Preliminary Analysis of a Local Experience. GP Mirasol, MD, RB Gustilo, MD, LAC Leagogo, Jr. , MD. MMC Proceedings, No. 55, Vol. 5, 1991
7. "Comparison of Unrepaired, Primary Repaired and Percutaneously Repaired Achilles Tendon Lacerations in Rabbits," AC Gozum, MD, LAC Leagogo, Jr.,MD. MMC Proceedings, No. 61, Vol. 8, 1994
8. "Radiologic Template for Internal Fixation of Hip Fractures." GV Dungca, MD, LAC Leagogo, Jr., MD. Philippine Journal of Orthopedics, Vol. XIII, No. 1, p. 5-9, December, 1994.
10. "Experimental Use of Cyanoacrylate in Fracture Fixation" E de la Paz, MD, GC Dungca, MD, A Vergel de Dios, MD, & LAC Leagogo, Jr.,MD. Philippine Journal of Orthopedics; Vol. XIV, No. 1, p. 14-21, December, 1995.
11. "Leg and Ankle Injuries in the Athlete." LAC Leagogo, Jr., MD. Manual of Sports Injuries , Makati City, September 5, 1996.
12. "Intracompartmental Malignant Granular Cell Tumor of the Adductor Longus Muscle. " IAS Quasha, MD, B Fornoles, MD, R Matias, Phd, LAC Leagogo, Jr., MD VR Gomez, MD, AC Cantos, MD. Philippine Journal of Orthopedics, Vol. XV, No. 1, December, 1996.
13. "Total Hip Replacement." LAC Leagogo, Jr., MD, RB Gustilo, MD. Philippine Journal of Orthopedics, Vol. XVI, No. 1, December, 1997.
14. "Open Fractures." LAC Leagogo, Jr., MD, RS Recto, Jr., MD. Chaptr 7, p.56-69. Manual of Orthopedic Emergencies, 2nd edition. Information, Publication and Public Affairs Office. University of the Philippines, July, 1998.
15. "Pelvic Fractures." LAC Leagogo, Jr., MD. Chapter 5, p.39-48. Manual of Orthopedic Emergencies, 2nd Edition. Information, Publication, and Public Affairs Office. University of the Philippines, July 1998.
16. "The Rigidity of a Locally Designed External Fixator for Fractures of the Distal Radius. A Biochemical Study. JAMR Escano, MD, LAC Leagogo, Jr., MD, RC Bundoc, MD. Philippine Journal of Orthopaedics, Vol. XXI, No. 1 p. 39-43, May 2002.

17. "Simultaneous Bilateral Total Knee Replacement." LAC Leagogo, Jr., MD, RB Gustilo, MD. Philippine Journal of Orthopaedics, Vol. XXII, No. 1 p. 21-26, April 2003.
18. "A Review of Outcomes for Open Tibial Shaft Fractures at the Philippine General Hospital." JN Sembrano, MD, NA Mariales, MD, LAC Leagogo, Jr., MD. Philippine Journal of Orthopaedics, Vol. XXII, No. 2, December 2003.

Dr. David Cabatan
Research and Publications

1. Author, Results and Complications of Microlumbar Discectomy. A Medium term Follow-up. Philippine Orthopaedic Association Annual Convention, 1997.
2. Co-Author, Traumatic Dislocation of the Knee – Published in Gustilo, R., Kyle, R, Templeman, D.:Fracture and Dislocation; Mosby – Yearbook, 1993 Chapter 25.
3. Author, Results of Microlumbar Discectomy - Read in the Asean Orthopaedic Association Annual Convention, 1993.
4. Co-Author, “Sciatic Nerve Palsy After Leg-Lengthening in Primary Total Hip Arthroplasty” Principal Author: Dr. Ramon B. Gustilo – co-author. Paper read at The 24th Annual Orthopaedic and Trauma Seminar; Hennepin Country Medical Center, Minneapolis, Minnesota, October 24-27, 1988.
5. Co-Author, “Patterns of Injury and Functional Loss in Firecracker Injuries of the Hand Seen at the National Orthopaedic Hospital”. Principal Author: Drs. Lauro O. Bonifacio and Luisitio Maano – co-authors.

DR. ORSON V. ODULIO
PUBLICATIONS/RESEARCH PAPERS

1. Author, "The Use of Dynamic Compression Plate for Lumbar Spine Instability", POA Syntev Research Forum, 1992.
2. Co-author, "Longevity Study for ACL Reconstruction Knees in the National Football League", submitted for publication to the American Journal of Sports Medicine, 1996.
3. Co-author, "Inter-Observer-Differences in the Radiographic Analysis of Shoulder Impingement" Annual, Physical Therapist Convention, QC, December 1996.

Dr. Jose Martin S. Paiso

RESEARCH PAPERS AND PUBLICATIONS

1993 Claudio, RS, MD, FPOA, **Paiso, JM, MD**, Pujalte, JB, MD "Limb Sparing En bloc resection for Aggressive Benign and Low Grade Malignant Primary Bone Tumors: Preliminary Surgical and Functional Results" presented at the Combined AOA-POA Annual Convention, Cebu

Eltagunde, C, MD, Pujalte, JB, MD, **Paiso, JM, MD** " Profile of Bone Tumors in Philippine Orthopedic Center 1986-1992"

Claudio, RS, MD, FPOA, , Pujalte, JB, MD, **Paiso, JM, MD** " Profile of Giant Cell Tumor: Philippine Orthopedic Center"

1994 Dizon, F, MD, FPOA, **Paiso, JM, MD** " Pedicular Screw Fixation and short segment fusion for unstable thoracolumbar and lumbar fracture and fracture dislocations"

1997 Bengzon, JA, MD, **Paiso, JM, MD**, FPOA, Te, CV, MD, FPOA, Abrahan, LB, MD, FPOA, Cruz, F, MD, FPOA," Compression hip screw fixation in elderly Filipinos"

1998 Puno, R, MD, **Paiso, JM, MD**, Beck, D, MD, Johnson, J, MD, Voor, M, PhD. "Histologic and Biomechanical Analysis of Anterior spinal fusion using Threaded fusion cages, Demineralized bone matrix and bone marrow aspirate: an animal model". Submitted to the Fischer Owen Fund, Louisville, KY

Puno, R, MD, **Paiso, JM, MD**, Pinto, M, MD "Transpedicular Fixation of the Lumbar Spine with Synergy Spinal Instrumentation". Spinal Instrumentation Techniques Volume II, Scoliosis Research Society, 1998

1999 Sim, F, MD, Malkani, A, MD, **Paiso, JM MD**."Proximal femoral replacement with prosthesis" Instructional Course Lectures, Chapter 14, Volume 49, 2000

Paiso, JM, MD, Malkani, A, MD, Seligson, D, MD "Open Reduction and Internal fixation of acetabular fractures in elderly". For publication

Malkani, A, MD, Schiller, M, MD, **Paiso, JM, MD** "Bilateral Acetabular fractures treated with total hip arthroplasty: case report" For publication

2000 Nalian, E, MD, **Paiso, JM, MD**, Dy, E, MD, Pineda, J, MD " Needle aspiration biopsy of spinal tumors: POC experience" POC Resident's Research Forum, June, 2000

- 2001** Davila, J, MD, Malkani, A, MD, **Paiso, JM, MD**, "Supracondylar Femoral nonunions treated with a megaprosthesis in elderly patients: a report of 2 cases, Journal of Orthopedic Trauma, Nov, 15(8): 574-578
- 2002** Paiso, JM, MD "Spinal Fusion and Instrumentation with Thoracoplasty for Idiopathic Adolescent Scoliosis" 6th Annual Symposium, Department of Orthopedic Surgery, Makati Medical Center, Makati City, November 8, 2002

Dr. Alan Leonardo Raymundo
Publications/Research Papers:

1. Author, "Total Hip Revision; The Makati Medical Center Experience", Philippine Journal of Orthopaedics, 2000
2. Author, "The Use of Mechanical Ankle Dorsiflexor as Prophylaxis Against Deep Vein Thrombosis versus Low Molecular Weight Heparin in Patients Undergoing Hip and Knee Surgery"
3. Author, "Deep Venous Thrombosis in Primary and Revision Hip and Knee Replacements in Asians", Submitted to Clinical Orthopaedics and Related Research for publication, 2001
4. Author, "Giant Cell Tumor of the Patella; A Case Report", Presented at the 4th Philippine Hip and Knee Society Residents Research Forum, Manila Midtowe Hotel, Manila, Philippines, 2000
5. Author, "Albers – Schonberg's Disease: A Case Presentation", 2nd Place Winner, Philippine Hip and Knee Society Paper Presentation Contest, Ramada Hotel, Philippines, 1995